

# INTERNATIONAL SEARCH REPORT

International application No.  
**PCT/AU2005/000334**

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> Int. Cl. <sup>7</sup> : A01K 85/01, 85/16; H05B 37/02, 39/04 According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) DWPI: IPC: A01K/-, H05B/-, G05+/-, G06F/-, H03K/- & Keywords: lure, bait, light, lite, led, bulb, diode, circuit, electric, electronic, program, charge, power, battery, computer, cpu, process, ic, control, plc, microchip		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 4205848 A1 (KERNBACH) 2 September 1993 Whole document & Espace abstract	1-8, 16
X, Y	JP 2002199828 A (MICROSTONE KK et al) 16 July 2002 Whole document & Derwent Patent abstract accession no 2002-669906/72, class P14; WO4	1-11 12-17, 20
X	JP 10033089 A (SAKUMA TOSHIAKI) 10 February 1998 Whole document, Espace abstract & Derwent Patent abstract accession no 98-172016/16, class P14	1-28
X Y	US 2002/0073600 A1 (WEST) 20 June 2002 Paragraph 23	28 12-17, 20
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search <b>5 May 2005</b>		Date of mailing of the international search report <b>12 MAY 2005</b>
Name and mailing address of the ISA/AU AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaaustralia.gov.au Facsimile No. (02) 6285 3929		Authorized officer  <b>D.R. LUM</b> Telephone No : (02) 6283 2544

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4175348 A (RAY) 27 November 1979 Whole document	1-11, 24
X	US 4669213 A (LeROY) 2 June 1987 Whole document	1, 3, 24
X	US 4888905 A (GARR) 26 December 1989 Column 4 line 91 – column 5 line 4	1-11
X	US 5157857 A (LIVINGSTON) 27 October 1992 Whole document	1, 2, 4, 5
X	US 5177891 A (HOLT) 12 January 1993 Whole document	1, 16, 28
X	US 5330282 A (RODGERS) 19 July 1994 Whole document	1-6, 12, 14
X	US 5392555 A (TINGEY) 28 February 1995 Column 3 lines 10 – 63	1-7, 16
X	US 5461815 A (RODGERS) 31 October 1995 Whole document	1, 3, 12, 13
X, Y	US 6581319 B2 (WEST) 24 June 2003 Whole document	1-15
X	US 6647659 B1 (KING et al) 18 November 2003 Column 5 lines 6-35	1-15
P, X	US 6807766 B1 (HUGHES et al) 26 October 2004 Column 3 lines 53 – column 4 line 44	1-15, 28

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### Supplemental Box

(To be used when the space in any of Boxes I to VIII is not sufficient)

#### Continuation of Box No: III

The international application does not comply with the requirements of unity of invention because it does not relate to one invention or to a group of inventions so linked as to form a single general inventive concept. In coming to this conclusion the International Searching Authority has found that there are different inventions as follows:

1. Claims 1-27 are directed to a fishing lure including a control circuit which controls the supply of power to the illumination means. It is considered that this feature comprises a first "special technical feature".
2. Claim 28 is directed to a fishing lure system including a control circuit which is programmable and a programming means to program the circuit. It is considered that programmability of the control circuit comprises a second special technical feature.

These groups are not so linked as to form a single general inventive concept, that is, they do not have any common inventive features, which define a contribution over the prior art. The common concept linking together these groups of claims is the control circuit. However this concept is not novel in the light of the art cited in the Search Report. Therefore these claims lack unity a posteriori.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

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This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report			Patent Family Member		
DE	4205848	NONE			
JP	2002199828	NONE			
JP	10033089	NONE			
US	6581319	CN 1509139	EP 1406490	US 6665976	
		US 6789347	US 6804909	US 2002073600	
		US 2002104250	WO 03007707		
US	5157857	NONE			
US	4888905	US 4727674			
US	4669213	NONE			
US	4175348	NONE			
US	5177891	NONE			
US	5330282	US 5339294	US 5461815	US 5622422	
		US 5697182	US 5903212	US 5989091	
		US 6158872	US 6267485		
US	6647659	NONE			
US	2002/0073600	CN 1509139	EP 1406490	US 6665976	
		US 6789347	US 6804909		
		US 2002104250	WO 03007707		
US	5392555	NONE			
US	5461815	US 5330282	US 5339294	US 5461815	
		US 5622422	US 5697182	US 5903212	
		US 5989091	US 6158872	US 6267485	
US	6581319	CN 1509139	EP 1406490	US 6665976	
		US 6789347	US 6804909	US 2002/0073600	
		WO 03007707	US 2002104250		
US	6807766	NONE			
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.					
END OF ANNEX					

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### Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
  
2. ☐ Claims Nos.:  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
  
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a)

### Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

See supplement sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☒ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
  
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

#### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.